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5 <110> B.R.A.H.M.S Aktiengesellschaft
 <120> Method for detecting the formation of endothelins for medical diagnosis, and antibodies and kits for carrying out such method
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 <140> PCT/EP05/001359
 <141> 2005-02-10
 15 <150> EP 04003295.5
 <151> 2004-02-13
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 Glu Asn Gly Gly Glu Lys Pro Thr Pro Ser Pro Pro Trp Arg Leu Arg
 35 35 40 45
 Arg Ser Lys Arg Cys Ser Cys Ser Ser Leu Met Asp Lys Glu Cys Val
 50 55 60
 40 Tyr Phe Cys His Leu Asp Ile Ile Trp Val Asn Thr Pro Glu His Val
 65 70 75 80
 Val Pro Tyr Gly Leu Gly Ser Pro Arg Ser Lys Arg Ala Leu Glu Asn
 85 90 95
 45 Leu Leu Pro Thr Lys Ala Thr Asp Arg Glu Asn Arg Cys Gln Cys Ala
 100 105 110
 Ser Gln Lys Asp Lys Lys Cys Trp Asn Phe Cys Gln Ala Gly Lys Glu
 50 115 120 125
 Leu Arg Ala Glu Asp Ile Met Glu Lys Asp Trp Asn Asn His Lys Lys
 130 135 140
 55

Gly Lys Asp Cys Ser Lys Leu Gly Lys Lys Cys Ile Tyr Gln Gln Leu
 145 150 155 160
 Val Arg Gly Arg Lys Ile Arg Arg Ser Ser Glu Glu His Leu Arg Gln
 5 165 170 175
 Thr Arg Ser Glu Thr Met Arg Asn Ser Val Lys Ser Ser Phe His Asp
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 40 Leu Asp Ile Ile Trp Val Asn Thr Pro Glu His Val Val Pro Tyr Gly
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 Sequence with terminal C

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<400> 6
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 <212> PRT
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 1 5 10 15

50 Ser Val Lys Ser Ser Phe His Asp Pro Lys Leu Lys Gly Lys Pro Ser
 20 25 30

Arg Glu Arg Tyr Val Thr His Asn Arg Ala His Trp
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<110> Bergmann, Andreas
Struck, Joachim

<120> Method for detecting the formation of endothelins for medical diagnosis,
and antibodies and kits for carrying out such method

<130> 2582.012

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<150> EP 04003295.5

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<170> PatentIn Ver. 2.1

<210> 1

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<212> PRT

<213> Homo sapiens

<400> 1

Met Asp Tyr Leu Leu Met Ile Phe Ser Leu Leu Phe Val Ala Cys Gln
1 5 10 15

Gly Ala Pro Glu Thr Ala Val Leu Gly Ala Glu Leu Ser Ala Val Gly
20 25 30

Glu Asn Gly Gly Glu Lys Pro Thr Pro Ser Pro Pro Trp Arg Leu Arg
35 40 45

Arg Ser Lys Arg Cys Ser Cys Ser Ser Leu Met Asp Lys Glu Cys Val
50 55 60

Tyr Phe Cys His Leu Asp Ile Ile Trp Val Asn Thr Pro Glu His Val
65 70 75 80

Val Pro Tyr Gly Leu Gly Ser Pro Arg Ser Lys Arg Ala Leu Glu Asn
85 90 95

Leu Leu Pro Thr Lys Ala Thr Asp Arg Glu Asn Arg Cys Gln Cys Ala
100 105 110

Ser Gln Lys Asp Lys Lys Cys Trp Asn Phe Cys Gln Ala Gly Lys Glu
115 120 125

Leu Arg Ala Glu Asp Ile Met Glu Lys Asp Trp Asn Asn His Lys Lys
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Gly Lys Asp Cys Ser Lys Leu Gly Lys Lys Cys Ile Tyr Gln Gln Leu
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Val Arg Gly Arg Lys Ile Arg Arg Ser Ser Glu Glu His Leu Arg Gln
165 170 175

Thr Arg Ser Glu Thr Met Arg Asn Ser Val Lys Ser Ser Phe His Asp
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Leu Asp Ile Ile Trp
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<212> PRT
<213> Homo sapiens

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Leu Asp Ile Ile Trp Val Asn Thr Pro Glu His Val Val Pro Tyr Gly
20 25 30

Leu Gly Ser Pro Arg Ser
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<223> Description of Artificial Sequence: Partial EN1
Sequence with terminal C

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Ser Arg Glu Arg
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Ser Val Lys Ser Ser Phe His Asp Pro Lys Leu Lys Gly Lys Pro Ser
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Arg Glu Arg Tyr Val Thr His Asn Arg Ala His Trp
35 40